

CABIN SAFETY RESEARCH TECHNICAL GROUP MEETING SUMMARY

MARCH 26-28, 2002

TUESDAY, MARCH 26, 2002

October 22-25, 2001, "International Aircraft Fire and Cabin Safety Research Conference"
Follow-up Discussion:

The Proceedings are available on the FAA Fire Safety Branch website (www.fire.tc.faa.gov) and on CD Report #DOT/FAA/AR-02/48, TP 1391OE, JAA-OSPAG-2002-1, and SM-169 (contact April Horner at April.CTR.Horner@faa.gov).

Discussion and Decision on 2004 Conference Location:

*The results of the 2001 conference attendee survey and feedback were reviewed by the CSRTG.
Discussion began on the decision for the 2004 Conference Location.*

October 26, 2001, Evacuation Modeling Day Meeting Follow-Up:

A summary of the meeting was sent to all meeting participants/attendees.

A member of the University of New South Wales staff, (Australia) gave a presentation on the Cabin Safety Research Activities conducted at the university.

The Australian Aviation Psychology Association/Qantas – Manager Safety Education and Human Factors gave a presentation on the Cabin Safety Research Activities at Qantas Airlines.

Meeting Attendees participated in additional Discussion Related to Operational Issues/Human Factors.

WEDNESDAY, MARCH 27, 2002

Management Meeting

A brief report from the January 2002 Management Meeting.

FAA Technical Center Update

An update on the thermal acoustic insulation radiant heat panel test program and the burnthrough test program at the FAA Technical Center was given.

An update on the FAA research related to the NTSB Recommendations was also provided.

Prioritization/Accident Database

An update and status of the Prioritization project was followed by CSRTG discussion of the prioritization project.

An update of the Accident Database was followed by CSRTG discussion on the database.

Australian Transportation Safety Board (ATSB)

A description of the events that led up to QF 1 overrun in Bangkok, Thailand, was given. Investigation (B-747-438)– Inclusion in Database.

The ATSB recommendations for cabin crew communication were reviewed.

Other Research Activities in the ATSB were described.

THURSDAY, MARCH 28, 2002

CSRTG Authorities' Project Updates

CASA – Cabin Safety

Overview of *CASA* structure/organization.

CASA – Human Factors

CASA Human Factors Research Activities were outlined.

CASA – Crashworthiness

CASA Crashworthiness and Safety Research Activities were outlined.

TCCA – Transport Canada Civil Aviation, Canada

The following *TCCA* projects (some contracted out) were outlined: Confidence Level Tool, Exit Usage Study in Major Aircraft Accidents, Production Quality Assurance Fault Tree (Materials WG Task Group), Evacuation Tracking Equipment/Device Research, Evacuation Trial Personality Profile Study.

CAA – Civil Aviation Authority, United Kingdom

The following *CAA* projects were outlined: the “PAD” Tracking Technology (a brief description of the system was provided), the Cranfield Impact Center Proposal on Fuselage Twisting was discussed, the DVT Study, an update on Evacuation Modeling through the University of Greenwich, and the AASK Database report publication update.

DGAC – Direction Generale d'Aviation Civile, France

The following *DGAC* projects were outlined: Seat-Floor Attachment Study, OBOGS update, Fire in Inaccessible Areas update, Slide Aging Problems Study, Identification of Means of Information for Crew During an Evacuation (APSYS), and the IISU Study (Identification of Usable Exits During an Emergency).

JAA - Joint Aviation Authorities of Europe

Occupant Safety and Survivability Group: The final recommendations have been presented to the JSSI.

FAA CAMI – Federal Aviation Administration Civil Aerospace Medical Institute

The following *FAA CAMI* projects were outlined: Type III Exit Study, Injury Classification Schemes from Type II Study, Responses to Briefing Card Attention Study, Personality Profile, Mobile Simulator, DVT Research, and the tracking systems research update.

Close of Meeting